

EAST Search History

S27	1	S26 and S8 and S9	USPAT	OR	ON	2006/12/04 21:31
S28	0	alignment near3 mark and S26	USPAT	OR	ON	2006/12/04 22:36
S29	12477	alignment near3 mark S22	USPAT	OR	ON	2006/12/04 21:34
S30	40	alignment near3 mark and S22	USPAT	OR	ON	2006/12/04 21:34
S31	38	S30 and S17	USPAT	OR	ON	2006/12/04 22:12
S32	3942	third adj (insulator insulating) adj (film layer)	USPAT	OR	ON	2006/12/04 22:12
S33	101	S32 same S8	USPAT	OR	ON	2006/12/04 22:13
S34	4440	second with S8	USPAT	OR	ON	2006/12/04 22:13
S35	59	S33 and S34	USPAT	OR	ON	2006/12/04 22:34
S36	906	(257/797,257/306,257/311,257/E21.018,257/E21.507,257/E21.577,257/E21.589,257/E21.649,257/E21.658,257/E27.088).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 22:30
S37	8755	((257/797) or (57/306) or (257/311) or (257/E21.018) or (257/E21.507) or (257/E21.577) or (257/E21.589) or (257/E21.649) or (257/E21.658) or (257/E27.088)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 22:31
S38	23195	((257/797) or (257/758) or (257/300) or (257/306-311) or (438/401) or (438/462) or (438/975) or (438/631-640) or (438/673) or (438/701) or (438/253-254) or (438/396-397) or (438/399)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 22:32
S39	3399	((257/797) or (257/306) or (257/311)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 22:32
S40	476266	(sin nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 22:33
S41	191957	S40 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 22:34
S42	42949	S41 and (sidewall collar)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 22:35
S43	3262	S37 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 22:35

EAST Search History

S44	5328	S38 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 22:35
S45	820	S39 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 22:35
S46	1183249	alignment guide mark	USPAT	OR	ON	2006/12/04 22:36
S47	820	S43 and S46	USPAT	OR	ON	2006/12/04 22:38
S48	1107	S44 and S46	USPAT	OR	ON	2006/12/04 22:36
S49	225	S45 and S46	USPAT	OR	ON	2006/12/04 22:36
S50	24396	(third fourth) with (insulating insulator dielectric) near3 (layer film)	USPAT	OR	ON	2006/12/04 22:39
S51	1515	S47 S48 S49	USPAT	OR	ON	2006/12/04 22:39
S52	24396	S50 and S50	USPAT	OR	ON	2006/12/04 22:40
S53	594	S50 and S51	USPAT	OR	ON	2006/12/04 22:40
S54	65	("4832789").URPN.	USPAT	OR	ON	2006/12/04 23:24
S55	4841014	contact plug via hole damacene	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 23:46
S56	589	S55 and S53	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:19
S57	29091	selective\$2 adj (etch etching)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:20
S58	474	(second and third) near3 (insulating and (sin nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:21
S59	120	S57 and S58	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:21
S60	113	S55 and S59	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:23
S61	69	S60 and (spacer sidewall)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:27
S62	10390	third same insulating adj (layer film).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:29
S63	448965	(alignment guide mark aligning). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:29

EAST Search History

S64	285865	(spacer sidewall side adj wall).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:30
S65	220	S62 and S63 and S64	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:31
S66	1414668	(opening hole via trench pattern). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:31
S67	169	S65 and S66	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 00:31

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20060197230").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 16:07
S2	3	((("20020096773") or ("6624525")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 16:09
S3	32	((("6,015,734") or ("5,738,961") or ("5,889,335") or ("6,040,242") or ("6,063,548") or ("6,107,132") or ("6,159,820") or ("5,460,996") or ("6,087,216") or ("6,143,603") or ("5,389,560") or ("5,780,338") or ("6,054,394") or ("6,239,022") or ("6,164,850") or ("6,174,782")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 20:38
S4	2	("6410423").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 16:37
S5	13	("5389560" "5460996" "5780338" "6040242" "6054394" "6063548" "6087216" "6107132" "6143603" "6159820" "6164850" "6174782" "6239022").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:42
S6	32	((("6,015,734") or ("5,738,961") or ("5,889,335") or ("6,040,242") or ("6,063,548") or ("6,107,132") or ("6,159,820") or ("5,460,996") or ("6,087,216") or ("6,143,603") or ("5,389,560") or ("5,780,338") or ("6,054,394") or ("6,239,022") or ("6,164,850") or ("6,174,782")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 20:38
S7	32	((("6,015,734") or ("5,738,961") or ("5,889,335") or ("6,040,242") or ("6,063,548") or ("6,107,132") or ("6,159,820") or ("5,460,996") or ("6,087,216") or ("6,143,603") or ("5,389,560") or ("5,780,338") or ("6,054,394") or ("6,239,022") or ("6,164,850") or ("6,174,782")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/04 20:39

EAST Search History

S8	285434	(sin silcon adj nitride)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 22:32
S9	1017471	(oxide sio2 silcon adj dioxide)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:43
S10	49958	first near3 S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:44
S11	139434	first with S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:44
S12	18202	second with S8	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:44
S13	4467	third with S8	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:45
S14	338	S11 S12 S13	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/04 20:45
S15	338	S14 and (S14 S6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:46
S16	338	S14 and (S14 S6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:51
S17	4720104	contact pluck via hole	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 23:45
S18	258880	sidewall	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:51
S19	338	S15 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:51
S20	106	S19 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 20:51
S21	1	("6410423").URPN.	USPAT	OR	ON	2006/12/04 21:27
S22	3646	(first and second and third) adj insulating	USPAT	OR	ON	2006/12/04 21:27
S23	1179	S22 and sidewall	USPAT	OR	ON	2006/12/04 21:28
S24	138	S23 and etch adj rate	USPAT	OR	ON	2006/12/04 21:29
S25	104454	first with stop	USPAT	OR	ON	2006/12/04 21:29
S26	44	S24 and S25	USPAT	OR	ON	2006/12/04 21:34